

We claim:

1. An armrest adjustment mechanism for supporting an armrest unit, the mechanism comprising:

a fixed plate having a pair of pins projecting from a first side thereof and having a plate slot extending therein;

a frame mounted adjacent to the plate and attached to the armrest unit, the frame having a pair of frame slots formed therein, each frame slot slidably receiving a corresponding one of the pins, the frame also having a bore extending therethrough;

a bolt member, the bolt member having a head engaging a second side of the plate and a shaft extending from the head and through the plate slot and the bore, the shaft having a threaded free end; and

a knob having a bore with internal threads for rotatably and threadably engaging the threaded end of the shaft.

2. The armrest adjustment mechanism of claim 1, further comprising:

a hollow cylindrical bushing mounted on the shaft between the knob and the frame.

3. The armrest adjustment mechanism of claim 1, wherein:
frame slots are spaced apart on opposite sides of the bore.

4. The armrest adjustment mechanism of claim 1, wherein:
the head of the bolt includes a non-circular shank member which is slidably and non-rotatably received in the plate slot.

5. The armrest adjustment mechanism of claim 1, wherein:
the mechanism may be adjusted by performing the following steps:
untightening the knob on the bolt;
shifting the frame relative to the plate; and
tightening the knob on the bolt.

6. The armrest adjustment mechanism of claim 1, wherein:
the plate slot and the frame slots are parallel to each other.

7. The armrest adjustment mechanism of claim 1, wherein:
the plate slot and the frame slots all extend diagonally.

8. The armrest adjustment mechanism of claim 1, wherein:
the plate slot is located between the pins.

9. The armrest adjustment mechanism of claim 1, wherein:
the frame, the bolt member and the knob are movable together with respect to the plate.

10. An armrest adjustment mechanism for supporting an armrest unit, the mechanism comprising:

a fixed plate having a pair of pins projecting from a first side thereof and having a plate slot extending therein;

a frame mounted adjacent to the plate and attached to the armrest unit, the frame having a pair of frame slots formed therein, each frame slot slidably receiving a corresponding one of the pins; and

a clamping assembly for releasably clamping the frame to the plate, the clamping assembly being movable with the frame with respect to the plate, the clamping assembly having a portion which is non-rotatably and slidably received in the plate slot.

11. The armrest adjustment mechanism of claim 10, wherein:
the frame has a bore extending therethrough between the frame slots; and
a portion of the clamping assembly extending through the bore.

12. The armrest adjustment mechanism of claim 11, wherein the clamping assembly comprises:

a bolt member with a head and a threaded shaft, the head being slidably and non-rotatably coupled to the plate, and the shaft extending from the head and through the plate slot and the bore; and

a knob having a bore with internal threads for rotatably and threadably engaging the threaded end of the shaft.

13. The armrest adjustment mechanism of claim 12, further comprising:
a hollow cylindrical bushing mounted on the shaft between the knob and the frame.

14. The armrest adjustment mechanism of claim 12, wherein:
the head of the bolt member includes a non-circular shank which is slidably

and non-rotatably received in the plate slot.

15. The armrest adjustment mechanism of claim 12, wherein:
the mechanism may be adjusted by performing the following steps:
untightening the knob on the bolt;
shifting the frame relative to the plate; and
tightening the knob on the bolt.

16. The armrest adjustment mechanism of claim 12, wherein:
the frame, the bolt member and the knob are movable together with respect
to the plate.

17. The armrest adjustment mechanism of claim 10, wherein:
the plate slot and the frame slots are parallel to each other.

18. The armrest adjustment mechanism of claim 10, wherein:
the plate slot and the frame slots all extend diagonally.

19. The armrest adjustment mechanism of claim 1, wherein:
the plate slot is located between the pins.